

Original/Duplicate/Triplicate CONTRACT CERTIFICATE

SBR No. 139/1415
ದಿನಾಂಕ: 31/7/14
Date: 2014

No. First & Final

(For Other Works)

Division: BBMP, Byatarayanapura

Sub-Division: BBMP, Vidyaranyapura

Bill Received No. 242 Dated 31/7/14

Divisional
Sub Divisional

Cash Book Voucher No. Dated:

Schedule Docket No. 242

Head of Account: P. 1221

Work Code: 011-14-000035

Est. Cost: 15.00 Lakhs D.R. No. :

Name of Work (as per sanctioned estimate): Maintenance of Ward and Emergency Works in Ward

No. 11, (Kuvempungara) Vidyaranyapura Sub Division.

Name of Contractor and Full Address: Sri Gopi Reddy, Contractor, # 03, 1st Cross, Ramachandrappa Layout, Veerannapalya, Arabic College (Post), Bangalore - 45.

Reference to Agreement No. EE/BTP/BBMP/E-Proc/(12835)/WO/43/2014-15

Date: 15.07.2014

Certified that the measurements were taken by me on 31/7/14 and recorded of Pages 209201 to 2026 to of measurement Book No. 2093 and that the work is satisfactorily executed.

Gopi Reddy
Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 31/7/14 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site, of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

Sub-Division Officer

- 1) Total value of work done or supplies made as per account within
- 2) Deduct amount to be held in reserve being percent Rs.
- 3) " Balance
- 4) Deduct Payment:
 - a. Amount of previous payment as in the Office Cash Book Voucher
No. Dated: S.D. No.
adjusted towards cash advance recovery of
 - b. Payments } cost store or other material supplied.
Now made } recovery of amount creditable to this/other work
Amount paid on this bill Cheque / Cash.
- 5) Balance being unpaid value of work done held in reserve.
- 6) Deduct cash advance made on the Office cash Book Voucher No.
dated: less adjustments.
- 7) Net amount due to or from Contractor
unadjustments items.
- 8) Advance to Contractor for materials brought to site (as detailed) within.
- 9) Value of Government materials supplied.

Total amount adjusted -

1529650 = 00
15297 = 00
61186 = 00
911779 = 00
15297 = 00
1530 = 00
2839 = 00
187928 = 00
1341722 = 00

Contractor's Signature

Received Rs. (in words)

by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Witness

- 1.
- 2.

Dated Signature of Contractor

Paid by me by Cheque No. Dated:

Cash Rs.

Dated:

Initials of Officer making payment

Stamp

1529650 = 00

187928 = 00

1341722 = 00

Executive Engineer

Sl. No.		Un
1	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
2	Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
3	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplasticiser @ 3 lts conforming to IS 9103-1999 reaffirmed-2008 , machine mixed, concrete laid in layers not exceeding 15cms thick floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
4	KSRB 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery TMT Bars Fe 500 etc., complete and as per the directions of the Engineer-in-charge of the work	Qtl
5	Providing and removing centering , shuttering, strutting, propping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials, labour etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm
6	Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm
7	Flooring with 25mm to 40mm thick polished tandur blue stone slabs using mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm
8	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery etc., complete and as per the directions of the Engineer-in-charge of the work	Kgs
9	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Geophysical investigation of existing Ground Water in the vicinity, its quality 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging technical personal and labour required etc., complete and as per the directions of the Engineer-in-charge of the work	Each BW
10	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap etc.,) etc., complete and as per the directions of the Engineer-in-charge of the work 0 to 50 m	Rmtr
10a	50 to 100 m	
10b	100 to 150 m	
10c	150 to 200 m	
10d	200 to 250 m	
10e	250 to 300 m	
11	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming to IS 554/1985, one end fixed with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and duties) Prices include Collar-medium duty etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	226.30	234.40	53044.72	226.30	53044.72	
-	-	0.18	4413.53	794.44	0.18	794.44	
-	-	27.20	5801.02	157787.74	27.20	157787.74	
-	-	24.48	7663.96	187613.74	24.48	187613.74	
-	-	147.60	482.12	71160.91	147.60	71160.91	
-	-	31.80	208.85	6641.43	31.80	6641.43	
-	-	13.20	1066.44	14077.01	13.20	14077.01	
-	-	571.20	99.98	57108.58	571.20	57108.58	
-	-	1	1972.34	1972.34	1.00	1972.34	
-	-	50.00	320.69	16034.50	50.00	16034.50	
-	-	50.00	419.20	20960.00	50.00	20960.00	
-	-	50.00	466.36	23318.00	50.00	23318.00	
-	-	50.00	492.56	24628.00	50.00	24628.00	
-	-	50.00	570.11	28505.50	50.00	28505.50	
-	-	50.00	610.98	30549.00	50.00	30549.00	
-	-	70.00	1388.60	97202.00	70.00	97202.00	

Sl. No.		Unit
12	Providing 250mm dia PVC Pipe 6kg/cm etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr
13	Providing and fixing 160mm Borewell Cap etc., complete and as per the directions of the Engineer-in-charge of the work	Nos
14	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required accessories such as suction, casing suction strainers sand guard Non return valve etc. complete. The pump and motor shall form an integral unit with all the required fittings 12.50 HP 20 stage. etc., complete and as per the directions of the Engineer-in-charge of the work	Each
15	Supplying of ISI marked galvanized mild steel tube (continuously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threafes at one end and the other end protected as per specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendment 1-5 and with all its latest amendments if any. The pipes supplied should be with BIS mark etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr
16	Heavy Duty Collar 50 mm dia etc., complete and as per the directions of the Engineer-in-charge of the work	Nos
17	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 49/ I No. 29-b(1) 4 Sqm mm of 56 strands 0.3mm dia Group - A etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr
18	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost) etc., complete and as per the directions of the Engineer-in-charge of the work	No
19	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., complete and as per the directions of the Engineer-in-charge of the work	Each
20	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
21	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, In existing trencg/duct 6Sqmm to 16 Sqmm) etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
22	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete (as per Civil SR etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
23	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
24	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., complete and as per the directions of the Engineer-in-charge of the work	No.
25	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm around the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 through holes of 122 mm dia,etc., complete and as per the directions of the Engineer-in-charge of the work	No
26	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete and as per the directions of the Engineer-in-charge of the work	No.
27	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Nos
28	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete and as per the directions of the Engineer-in-charge of the work	No
29	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No
30	Supplying shunt capaitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	18.00	790.68	14232.24	18.00	14232.24	
-	-	1	104.80	104.80		104.80	
-	-	1	62968.41	62968.41		62968.41	
-	-	280.00 ~~270252.00~~	393.00	106110 = ~~110040.00~~ ~~99736~~		106110 = ~~110040.00~~ ~~99736~~	
-	-	46 ~~42.00~~	136.24	6267.04 ~~5922~~		6267.04 ~~5922~~	
-	-	570.00	158.25	90202.50		90202.50	
-	-	1	3144.00	3144.00		3144.00	
-	-	1	298.68	298.68		298.68	
-	-	30.00	157.20	4716.00		4716.00	
-	-	30.00	8.38	251.40		251.40	
-	-	25.00	62.88	1572.00		1572.00	
-	-	4.00	251.52	1006.08		1006.08	
-	-	1.00	272.48	272.48		272.48	
-	-	1.00	2043.60	2043.60		2043.60	
-	-	6	104.80	628.80		628.80	
-	-	1	1167.53	1167.53		1167.53	
-	-	1	211.07	211.07		211.07	
-	-	4	83.84	335.36		335.36	
-	-	1	366.80	366.80		366.80	

Sl. No.		Unit
31	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materials wiring complete as required 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No
32	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm etc., complete and as per the directions of the Engineer-in-charge of the work	Sq.Cm
33	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. etc., complete and as per the directions of the Engineer-in-charge of the work	No.
34	Earthwork excavation for pipeline trenches including deporting or bank up to a lead of 50 mtrs including shirry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strstructure manhole. etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
35	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and includng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the excavation etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr
36	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
37	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Each
38	Providing and fixing sand cast iron soil waste and vent pipes 100mm dia with spun yarn soaked in cement slurry and cement mortar 1:2 including cost of materials, labour etc., complete and as per the directions of the Engineer-in-charge of the work	m
39	Providing and fixing sand cast iron soil waste bends 100mm dia with access door, insertion of rubber washers 3mm thick bolts and nut, with spun yarn soaked in cement Slurry and cement mortar 1:2 including cost of materials, labour, testing etc., complete and as per the directions of the Engineer-in-charge of the work	Each
40	Providing and supplying of Executive Extension Table- Celeon series of size 1810x422x952mm.(As per approved Data rate) etc., complete and as per the directions of the Engineer-in-charge of the work	No.
41	Providing and supplying of executive High back Chair in Leatherite.(As per Approved Data rate) etc., complete and as per the directions of the Engineer-in-charge of the work	No.
42	Providing and supplying of Cushion Chairs(As per approved Data rate) etc., complete and as per the directions of the Engineer-in-charge of the work	No.
43	Neelkamal Plastic chairs etc., complete and as per the directions of the Engineer-in-charge of the work	No.
44	Compouter Set with Printer etc., complete and as per the directions of the Engineer-in-charge of the work	No.
45	Almera etc., complete and as per the directions of the Engineer-in-charge of the work	No.
	BESCOM Deposit	
	Total	

CERTIFICATE :

1. Certified that the above work done satisfactory and no materials issued from departmentally.

[Signature]
31/01/14

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	1	1048.00	1048.00		1048.00	
-	-	23400.00	0.35	8190.00		8190.00	
-	-	1	11528.00	11528.00		11528.00	
-	-	6.75	197.02	1329.89		1329.89	
-	-	20.00	164.54	3290.80		3290.80	
-	-	6.75	63.93	431.53		431.53	
-	-	2	1658.54	3317.08		3317.08	
-	-	30.00	765.40	22962.00		22962.00	
-	-	4	564.33	2257.32		2257.32	
-	-	3	59812.50	179437.50		179437.50	
-	-	2	15122.64	30245.28		30245.28	
-	-	20	4359.68	87193.60		87193.60	
-	-	25	943.20	23580.00		23580.00	
-	-	1	52400.00	52400.00		52400.00	
-	-	2	13624.00	27248.00		27248.00	
				10000.00		10000.00	
				1555685.69		1555685.69	

10000.00
1555685.69

1529,651 =

10000.00
1555685.69

1529,651 =

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ವಿಜ್ಞಾನಪ್ರಕಾಶನ ಮತ್ತು ವಿಭಾಗ
ಯಲಹವೆರವರು,
ಬೃ. ಬೆಂ. ಮ. ಕಾ. ಬೆಂಗಳೂರು-97